

Amendments to the Claims

1 1. (Currently Amended) A method of controlling software components in a
2 processing system having plural nodes, comprising:
3 receiving a request to start the processing system;
4 launching a start routine in a first one of the nodes in response to the request;
5 the start routine causing ~~a service~~ one or more services to be invoked in each of
6 the nodes;
7 determining one or more selected software components to start in each of the
8 nodes; and
9 the services starting the selected software components in ~~respective nodes~~ each of
10 the nodes of the processing system.

1 2. (Previously Presented) The method of claim 1, wherein causing the services to be
2 invoked comprises causing WINDOWS® services to be invoked.

1 3. (Previously Presented) The method of claim 2, further comprising invoking the
2 services with a WINDOWS® service control manager module.

1 4. (Canceled)

1 5. (Previously Presented) The method of claim 1, wherein starting the selected
2 software components comprises starting software components defined as WINDOWS®
3 services.

1 6. (Canceled)

1 7. (Currently Amended) The method of claim 1, further comprising running an
2 instance of a manager module in each of the nodes, the instance of the manager module
3 in each of the nodes responsive to the start routine to invoke the services.

1 8. (Canceled)

1 9. (Previously Presented) The method of claim 1, wherein the first one of the nodes
2 is a master node, wherein launching the start routine is performed in the master node.

1 10. (Currently Amended) The method of claim 7, further comprising the start routine
2 communicating requests to manager module instances in each of the nodes to start
3 corresponding services.

1 11. (Previously Presented) The method of claim 1, wherein causing the services to be
2 invoked comprises causing one service to be invoked for each software component.

1 12. (Canceled)

1 13. (Currently Amended) A database system comprising:
2 a plurality of nodes;
3 software components executable in ~~corresponding~~ the plurality of nodes, the
4 software components comprising a query coordinator in each of the plurality of nodes to
5 process database queries;
6 a manager module executable in the database system to invoke services in the
7 plurality of nodes to control starting of the software components; and
8 a start procedure executable in a first one of the plurality of nodes to invoke the
9 services in ~~respective~~ the plurality of nodes through the manager module.

1 14. (Currently Amended) The database system of claim 13, wherein the manager
2 module comprises plural instances executable on ~~corresponding~~ the plurality of nodes.

1 15. (Previously Presented) The database system of claim 13, wherein the manager
2 module comprises a WINDOWS® service control manager.

1 16. (Previously Presented) The database system of claim 13, wherein the services
2 comprise WINDOWS® services.

1 17. – 18. (Canceled)

1 19. (Previously Presented) The database system of claim 13, wherein the start
2 procedure comprises a start service and a program invokable by the start service.

1 20. (Currently Amended) A database system comprising:
2 a plurality of nodes;
3 database software components executable in ~~corresponding~~ the plurality of nodes;
4 and
5 a manager module in each of the plurality of nodes executable to control the
6 database software components in the plurality of nodes and to enable a monitoring
7 module to monitor statuses of the database software components in the plurality of nodes.

1 21. (Currently Amended) An article comprising one or more machine-readable
2 storage media containing instructions that when executed cause a database system having
3 plural nodes to:
4 receive a command to start database software components in the plural nodes;
5 launch a start routine in a first one of the plural nodes in response to the
6 command;
7 issue requests, from the start routine, to ~~respective~~ the plural nodes; and
8 in response to the requests, invoke services in ~~respective~~ the plural nodes to start
9 the database software components.

1 22. (Canceled)

1 23. (Currently Amended) The method of claim 1, wherein the processing system
2 comprises a parallel database system, and wherein ~~starting~~ the selected software
3 components comprises ~~starting~~ database software components.

1 24. (Currently Amended) The method of claim 23, wherein starting the database
2 software components comprises starting a query coordinator in each of the nodes to
3 process database queries.

1 25. (Currently Amended) The method of claim ~~24~~23, wherein starting the database
2 software components comprises starting a data server in each of the nodes to control
3 access of data in storage in the parallel database system.

1 26. (Currently Amended) The method of claim 1, ~~further comprising wherein each of~~
2 the services ~~monitoring~~ a status of a corresponding one of the selected software
3 components.

1 27. (Currently Amended) The method of claim 1, ~~further comprising wherein each of~~
2 the services ~~monitoring~~ for termination of a corresponding one of the selected software
3 components.

1 28. (Currently Amended) The database system of claim 13, further comprising a
2 storage, wherein the software components further comprise a data server in each of the
3 plurality of nodes to control access to data in the storage.

1 29. (Currently Amended) The database system of claim 13, wherein each of the
2 services is adapted to monitor for termination of a corresponding query coordinator.

1 30. (Previously Presented) The database system of claim 13, wherein the start
2 procedure is adapted to be invoked in response to a request to start a database application.

1 31. (Currently Amended) The article of claim 21, wherein the command to starting
2 the database software components comprises a command to starting a query coordinator
3 to process database queries and a data server to control access of data in storage in each
4 of the plural nodes.

1 32. (Currently Amended) The article of claim 21, wherein the instructions when
2 executed cause the database system to cause each of the services to monitor for
3 termination of a corresponding one of the database software components.

1 33. (Currently Amended) A database system comprising:
2 a plurality of nodes;
3 database software components executable in ~~corresponding~~ the plurality of nodes;
4 and
5 a start procedure executable in a first one of the plurality of nodes to invoke
6 services in ~~respective~~ each of the plurality of nodes, and
7 wherein the services are executable to start the database software components.

1 34. (Currently Amended) The database system of claim 33, further comprising a
2 storage, wherein the database software components comprise a query coordinator in each
3 of the plurality of nodes to process database queries, and a data server in each of the
4 plurality of nodes to control access of the storage.

1 35. (Currently Amended) The database system of claim 34~~33~~, wherein one service is
2 invoked in each of the plurality of nodes for each of the database software components in
3 the node.